

Conference Call: NC DWQ and EPA on Cape Fear Use Classification Revision

Introductions (Joanne)

Background on package (Lisa)

- The use change proposal meets DWQ's *current* water supply numeric criteria for WS-IV. There are no current criteria for PFOA or related compounds.
- From NC *WQS 15A NCAC 02B .0216 Fresh Surface WQSs for WS-IV Waters*:

"...the waters, *following treatment* required by the Division of Environmental Health, shall meet the MCLs considered safe for drinking, culinary or food processing...which are specified in the national drinking water regulations and NC Rules..."

"Quality standards applicable to Class WS-IV Waters are as follows:
...industrial wastes, non-process industrial wastes or other wastes: ***none shall be allowed...that shall have an adverse effect on human health*** or that are not effectively treated to the satisfaction of the Commission and in accordance with the requirements of the Division of Environmental Health, NC DENR."

- **OW Provisional Health Advisory of 0.4 ppb** was issued January 8, 2009, *after* the effective date of the use change. NJ uses 0.04 ppb (or 40 ng/L). EPA anticipates that there may be new numbers being developed. NC has indicated that it may develop a WQS for PFOA.
- From the web: Bladen Bluffs Regional Surface Water System is proposed for construction with a RFB (request for bid) which ended 9/1/09.

Regional Lessons Learned (Learning?) from Alabama Contamination (Lee/Gail)

Questions for NC:

1. Do they want to consider reviewing the change in light of the Provisional Health Advisory which was issued after the effective date of this action. Would there be additional information that may be of value, such as data on PFOAs at the intake and/or in the sediment, as well as fish studies or other biological studies.
2. Clarify the State's understanding of the treatment needed for the contaminants. Is Smithfield Farm aware of the possible need for PFOA treatment?
3. Discuss with them that our approval will likely include the recommendation that NC Public Water Supply staff work closely with the Bladen Bluffs Surface Water Treatment facility to ensure that emerging contaminants, including PFOS and PFOAs can be adequately removed per NC's narrative on WQS. Offer the assistance of EPA Regional and HQ PFOA experts.

Jessica Miller
Betsy Kountis
Sandra Moore
Connie Brown
Jeff Manning
Alan Cianci

Gail Mitchell
Annie Godfrey
Joanne Benante
Tom DeSactano
Lee Thomas

▷ Decatur, Alabama + Dalton, Georgia. Needed values to
give response.

Provisional Health Advisory.

- Draw # - pressed by AA for water - possibly lifetime
health advisory by June 2010?

JENNIFER Miller Family, all using GAC treatment.